



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/731,748 Confirmation No. 4300
Applicant : Charles R. Rapier et al. TC/A.U. : 1764
Filed : December 9, 2003 Customer No.: 31889
Examiner : Thuan D. Dang
Docket No. : 1856-42300 (9719.0-02)
For: Reactor and Process for Converting Alkanes to Alkenes

PETITION TO CORRECT INVENTORSHIP BY THE ADDITION
OF INVENTOR(S) (37 CFR 1.48(a) AND/OR (c))

Mail Stop Petitions
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Date: November 15, 2004

Sir:

Applicant for the above-identified application submits this petition under 37 C.F.R. § 1.48(a) to correct the incorrect original naming of inventors in the Declaration. Applicant requests that **Lisa M. Budin, Sriram Ramani** and **Joe D. Allison** be added as inventors of this application, Serial No. 10/731,748.

Attached are *Statements of Lack of Deceptive Intent by Person Named as Inventors Agreeing to Change of Inventorship*, *Statement of Lack of Deceptive Intent by Person Being Added as an Inventor* for each inventor, *Assignee Consent* and a *Declaration* of each of the actual inventors.

The Commissioner is hereby authorized to charge Deposit Account 03-2769, Conley Rose, P.C., in the amount of \$130 for the filing of this petition.

11/18/2004 MAHMED1 00000019 032769 10731748
01 FC:1460 130.00 DA

Respectfully submitted,

Tod T. Tumey
Reg. No. 47,146
Conley Rose, P.C.
P. O. Box 3267
Houston, Texas 77253-3267
(713) 238-8000
ATTORNEY/AGENT FOR APPLICANT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON NAMED AS INVENTORS AGREEING TO
CHANGE OF INVENTORSHIP

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, Charles R. Rapier, Daniel P. Holderman, Zhen Chen, Shang Y. Chen, and Steven R.

McDonald do hereby declare that:

1. Lisa M. Budin, Sriram Ramani and Joe D. Allison were erroneously omitted as named inventors in the above-identified application at the time it was filed. This error arose without any deceptive intention on our part.

2. Further, I declare not.

Date: 9-20, 2004

Charles R. Rapier
Charles R. Rapier

(signed on separate sheet)

Date: _____, 2004

Daniel P. Holderman

Date: _____, 2004

(signed on separate sheet)
Zhen Chen



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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		§	
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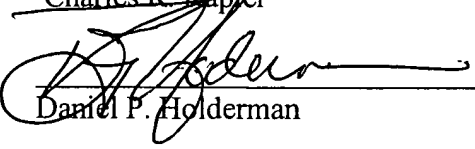
Date: _____, 2004

Date: 9/27, 2004

Date: _____, 2004

(signed on separate sheet)

Charles R. Rapier


Daniel P. Holderman

(signed on separate sheet)

Zhen Chen



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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2. Further, I declare not.


Date: _____, 2004

(signed on separate sheet)
Charles R. Rapier

Date: _____, 2004


(signed on separate sheet)
Daniel P. Holderman

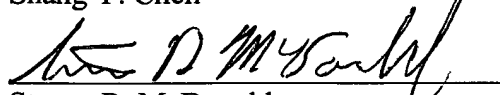
Date: 10/26/04, 2004


Zhen Chen

Date: Sept. 22, 2004

Date: Sept 13, 2004


Shang Y. Chen


Steven R. McDonald



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON BEING ADDED AS AN INVENTOR

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Sir:

Joe D. Allison does hereby declare that:

1. I was erroneously omitted as a named inventor in the above-identified application at the time it was filed. This error arose without any deceptive intention on my part.

2. Further, I declare not.

Date: 9/17, 2004



Joe D. Allison



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
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STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON BEING ADDED AS AN INVENTOR

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Sriram Ramani does hereby declare that:

1. I was erroneously omitted as a named inventor in the above-identified application at the time it was filed. This error arose without any deceptive intention on my part.
2. Further, I declare not.

Date: Sept. 1, 2004

Sriram Ramani
Sriram Ramani



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON BEING ADDED AS AN INVENTOR

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

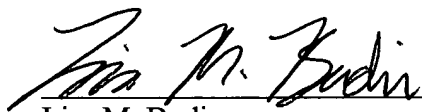
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Lisa M. Budin does hereby declare that:

1. I was erroneously omitted as a named inventor in the above-identified application at the time it was filed. This error arose without any deceptive intention on my part.
2. Further, I declare not.

Date: Sept. 24, 2004



Lisa M. Budin

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

ASSIGNEE CONSENT

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

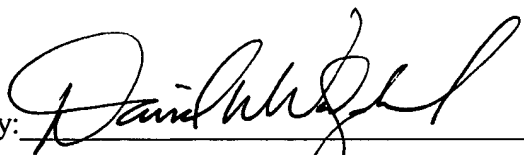
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

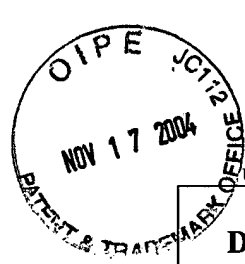
Sir:

The undersigned, being Assignee of the entire interest of the above-identified application by virtue of a previously filed assignment, hereby consents to a correction of inventorship to include Lisa M. Budin, Sriram Ramani and Joe D. Allison as actual inventors along with the original named inventors, Charles R. Rapier, Daniel P. Holderman, Zhen Chen, Shang Y. Chen and Steven R. McDonald, in connection with the captioned application, Serial No. 10/731,748.

The undersigned is empowered to act on behalf of the Assignee.

ConocoPhillips Company

By: 
David W. Westphal
Attorney-in-Fact

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** Reactor and Process for Converting Alkanes to Alkenes

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.

☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)Inventor one: Charles R. Rapier Date: 9-20, 2004Signature: Charles R. Rapier Citizen of: U.S.

Inventor two: Daniel P. Holderman Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor three: Zhen Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: P.R. China

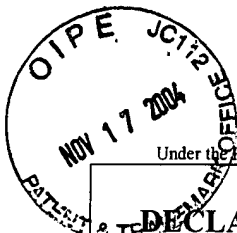
Inventor four: Shang Y. Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention Reactor and Process for Converting Alkanes to Alkenes

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.
- ☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

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FULL NAME OF INVENTOR(S)

Inventor one: Charles R. Rapier Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor two: Daniel P. Helderman Date: 9/27, 2004

Signature:  Citizen of: U.S.

Inventor three: Zhen Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: P.R. China

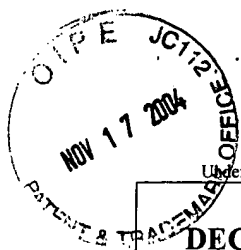
Inventor four: Shang Y. Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

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Atty. Dckt. No. 1856-42300 (9719.0-02)

PTO/SB/01A (08-03)

Approved for use through 06/30/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Reactor and Process for Converting Alkanes to Alkenes
---------------------------	---

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.

☐ as amended on _____ (if applicable);

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FULL NAME OF INVENTOR(S)

Inventor one: Charles R. Rapier Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor two: Daniel P. Holderman Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor three: Zhen Chen Date: 10/26/2004Signature: [Signature] Citizen of: P.R. China

Inventor four: Shang Y. Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

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FULL NAME OF INVENTOR(S)

Inventor one: Charles R. Rapier Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor two: Daniel P. Holderman Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor three: Zhen Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: P.R. China

Inventor four: Shang Y. Chen Date: Sept 22, 2004Signature:  Citizen of: U.S.☒ Additional inventors are being named on 1 additional form(s) attached hereto.

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FULL NAME OF INVENTOR(S)

Inventor five: Steven R. McDonald

Date: Sept 13, 2004Signature: Steven R. McDonald

Citizen of: U.S.

Inventor six: Lisa M. Budin

Date: Sept. 24, 2004Signature: Lisa M. Budin

Citizen of: U.S.

Inventor seven: Sriram Ramani

Date: Sept. 1, 2004Signature: Ram Ramani

Citizen of: India

Inventor eight: Joe D. Allison

Date: 9/17, 2004Signature: Joe D. Allison

Citizen of: U.S.

☐ Additional inventors are being named on _____ additional form(s) attached hereto.

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Supplemental Application Data Sheet

APPLICATION INFORMATION

Application Number::	10/731,748
Filing Date::	December 9, 2003
Application Type::	Regular
Subject Matter::	Utility
Title::	Reactor and Process for Converting Alkanes to Alkenes
Attorney Docket Number::	1856-42300 (9719.0-02)
Total Drawing Sheets::	3

APPLICANT INFORMATION

Applicant Authority type::	Inventor
Primary Citizenship Country::	US
Status::	Full Capacity
Given Name::	Charles R.
Family Name::	Rapier
Name Suffix::	
City of Residence::	Ponca City
State or Province of Residence::	OK
Country of Residence::	US
Street of mailing address::	128 Park View Lane
City of mailing address::	Ponca City
State or Province of mailing address::	OK
Country of mailing address::	US
Postal or Zip Code of mailing address::	74601
Applicant Authority type::	Inventor
Primary Citizenship	

Country:: US
Status:: Full Capacity
Given Name:: Daniel P.
Family Name:: Holderman
Name Suffix::
City of Residence:: Stillwater
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 400 S. Squires, Apt. Q12
City of mailing address:: Stillwater
State or Province of
mailing address:: OK
Country of mailing address:: US
Postal or Zip Code of
mailing address:: 74074

Applicant Authority type:: Inventor
Primary Citizenship Country:: P.R. China
Status:: Full Capacity
Given Name:: Zhen
Family Name:: Chen
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 2301 Briar Ridge
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing address:: US
Postal or Zip Code of
mailing address:: 74604

Applicant Authority type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Shang Y.
Family Name:: Chen
Name Suffix::
City of Residence:: Edmond
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 4609 Clipper Crossing
City of mailing address:: Edmond
State or Province of
mailing address:: OK
Country of mailing address:: US
Postal or Zip Code of
mailing address:: 73013

Applicant Authority type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Steven R.
Family Name:: McDonald
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 2405 Hummingbird Ln.
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing address:: US

Postal or Zip Code of
mailing address::

74604

Applicant Authority type:: Inventor

Primary Citizenship

Country:: US

Status:: Full Capacity

Given Name:: Lisa M.

Family Name:: Budin

Name Suffix::

City of Residence:: Ponca City

State or Province of Residence:: OK

Country of Residence:: US

Street of mailing address:: 4601 South Union

City of mailing address:: Ponca City

State or Province of

mailing address:: OK

Country of mailing

address:: US

Postal or Zip Code of

mailing address:: 74601

Applicant Authority type:: Inventor

Primary Citizenship

Country:: India

Status:: Full Capacity

Given Name:: Sriram

Family Name:: Ramani

Name Suffix::

City of Residence:: Ponca City

State or Province of Residence:: OK

Country of Residence:: US

Street of mailing address:: 2917 Canterbury Avenue
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 74604

Applicant Authority type:: Inventor
Primary Citizenship
Country:: US
Status:: Full Capacity
Given Name:: Joe D.
Family Name:: Allison
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 2412 Woodthrush Road
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 74604

CORRESPONDENCE INFORMATION

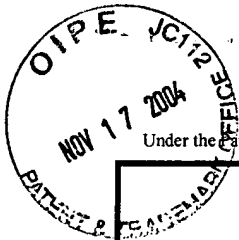
Correspondence Customer Number:: 31889

REPRESENTATIVE INFORMATION

Representative Customer Number:: 31889

ASSIGNEE INFORMATION

Assignee name:: ConocoPhillips Company
Street of mailing address:: 600 North Dairy Ashford
City of mailing address:: Houston
State or Province of
mailing address:: TX
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 77079



IFW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/731,748
	Filing Date	December 9, 2003
	First Named Inventor	Charles R. Rapier
	Art Unit	1764
	Examiner Name	Thuan D. Dang
Total Number of Pages in This Submission	Attorney Docket Number	1856-42300 (9719.0-02)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Statements of Lack of Deceptive Intent by Person Named as Inventors Agreeing to Change of Inventorship, Statement of Lack of Deceptive Intent by Person Being Added as an Inventor for each inventor, Assignee Consent, Declaration; Supplemental Application Data Sheet and acknowledgement postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm	CONLEY-ROSE, P. C.	
Signature		
Printed name	Tod T. Tumey	
Date	November 15, 2004	Reg. No. 47,146

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or Printed Name		Sandra K. Begley	
Signature		Date	November 15, 2004

139088.01/1856.42300

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<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">PTO</div> <div style="position: absolute; top: 0; right: 0; font-size: 2em; transform: rotate(45deg); opacity: 0.5;">USPTO</div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">For FY 2004</h2> <p style="margin: 5px 0;">Effective 10/01/2004. Patent fees are subject to annual revision.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> </div> </div>		Complete if Known																																																																																																																																							
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METHOD OF PAYMENT (Check all that apply)		FEE CALCULATION (continued)																																																																																																																																							
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 03-2769 Deposit Account Name: Conley Rose, P.C. The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account <input checked="" type="checkbox"/> Credit any overpayments		3. 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SUBMITTED BY Name (Print/Type) <u>Tod T. Tumey</u> Signature <u>[Signature]</u>		Complete (if applicable) Registration No. (Attorney/Agent) 47,146 Telephone (713) 238-8000 Date November 15, 2004																																																																																																																																							

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